

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001272

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> A61K31/138, 9/70, 47/02, 47/32, 47/46, A61P9/02, 9/06, 9/12,  
B65D81/24, A61J1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> A61K31/138, 9/70, 47/02, 47/32, 47/46, B65D81/24, A61J1/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JSTplus/JMEDplus (JOIS)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2003-313122 A (Nitto Denko Corp.), 06 November, 2003 (06.11.03), Full text (Family: none)	1-9
Y	JP 11-343233 A (Sekisui Chemical Co., Ltd.), 14 December, 1999 (14.12.99), Claims; Par. Nos. [0002], [0023] (Family: none)	1-9
Y	JP 10-505342 A (LTS Lohmann Therapie-Systeme GmbH.), 26 May, 1998 (26.05.98), Claims & EP 776198 A1 & WO 96/6600 A1	1-9

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
01 March, 2005 (01.03.05)

Date of mailing of the international search report  
22 March, 2005 (22.03.05)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001272

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 8-325141 A (Minnesota Mining & Mfg. Co.), 10 December, 1996 (10.12.96), Full text & US 5698217 A	1-9
Y	JP 6-56653 A (Sansei Seiyaku Kabushiki Kaisha), 01 March, 1994 (01.03.94), Full text (Family: none)	1-9
A	JP 2002-308762 A (Nichiiiko Pharmaceutical Co., Ltd.), 23 October, 2002 (23.10.02), Par. No. [0002] (Family: none)	1-9
A	JP 4-202131 A (Tanabe Seiyaku Co., Ltd.), 22 July, 1992 (22.07.92), [Prior Art] (Family: none)	1-9

# PATENT COOPERATION TREATY

PCT/JP05/001272

From the INTERNATIONAL BUREAU

## PCT

RECEIVED

05. 4. 25

SOEI

NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

To:

HASEGAWA, Yoshiaki  
SOEI PATENT AND LAW FIRM, Ginza First Bldg.,  
10-6, Ginza 1-chome, Chuo-ku, Tokyo  
1040061  
JAPON

Date of mailing (day/month/year)  
13 April 2005 (13.04.2005)

Applicant's or agent's file reference  
FP05-0012-00

International application No.  
PCT/JP05/001272

International publication date (day/month/year)

### IMPORTANT NOTIFICATION

International filing date (day/month/year)  
28 January 2005 (28.01.2005)

Priority date (day/month/year)  
30 January 2004 (30.01.2004)

Applicant

HISAMITSU PHARMACEUTICAL CO., INC. et al

- By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- (If applicable)* The letters "NR" appearing in the right-hand column denote a priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- (If applicable)* An asterisk (\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b) (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was not submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as the priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

Priority date	Priority application No.	Country or regional Office or PCT receiving Office	Date of receipt of priority document
30 January 2004 (30.01.2004)	2004-024446	JP	24 March 2005 (24.03.2005)



The International Bureau of WIPO  
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# PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

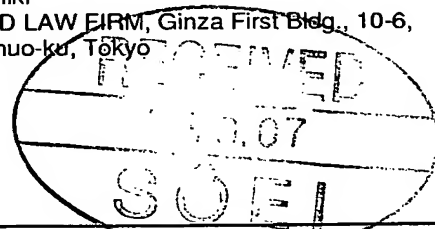
## PCT

FIRST NOTICE INFORMING THE APPLICANT OF  
THE COMMUNICATION OF THE INTERNATIONAL  
APPLICATION (TO DESIGNATED OFFICES WHICH  
DO NOT APPLY THE 30 MONTH TIME LIMIT  
UNDER ARTICLE 22(1))

(PCT Rule 47.1(c))

To:

HASEGAWA, Yoshiki  
SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6,  
Ginza 1-chome, Chuo-ku, Tokyo  
1040061  
JAPON



Date of mailing (day/month/year) 01 September 2005 (01.09.2005)		
Applicant's or agent's file reference FP05-0012-00		
International application No. PCT/JP2005/001272	International filing date (day/month/year) 28 January 2005 (28.01.2005)	Priority date (day/month/year) 30 January 2004 (30.01.2004)
Applicant HISAMITSU PHARMACEUTICAL CO., INC. et al		

### IMPORTANT NOTICE

1. **ATTENTION:** For any designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002 (30 months from the priority date), **does apply**, please see Form PCT/IB/308(Second and Supplementary Notice) (to be issued promptly after the expiration of 28 months from the priority date).

2. Notice is hereby given that the following designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002, **does not apply**, has/have requested that the communication of the international application, as provided for in Article 20, be effected under Rule 93bis.1. The International Bureau has effected that communication on the date indicated below:  
11 August 2005 (11.08.2005)

CH

In accordance with Rule 47.1(c-bis)(i), those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

3. The following designated Offices, for which the time limit under Article 22(1), as in force from 1 April 2002, **does not apply**, have not requested, as at the time of mailing of the present notice, that the communication of the international application be effected under Rule 93bis.1:

LU, SE, TZ, UG, ZM

In accordance with Rule 47.1(c-bis)(ii), those Offices accept the present notice as conclusive evidence that the Contracting State for which that Office acts as a designated Office does not require the furnishing, under Article 22, by the applicant of a copy of the international application.

#### 4. TIME LIMITS for entry into the national phase

For the designated Office(s) listed above, and unless a demand for international preliminary examination has been filed before the expiration of 19 months from the priority date (see Article 39(1)), the applicable time limit for entering the national phase will, **subject to what is said in the following paragraph**, be 20 MONTHS from the priority date.

In practice, time limits other than the 20-month time limit will continue to apply, for various periods of time, in respect of certain of the designated Offices listed above. For regular updates on the applicable time limits (20 or 21 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

It is the applicant's sole responsibility to monitor all these time limits.



The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Masashi Honda
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